

AMENDMENTS TO THE SPECIFICATION

Applicants have amended the specification.

Please replace the paragraph beginning on page 12, line 1 with the following rewritten paragraph:

When the preventive materials for suppressing generation of radioactive rays are represented with the dose equivalent of neutron, they include elements having dose equivalent equal to or smaller than about $0.2 \text{ mSv/h/}\mu\text{A}/(\text{solid angle of detector})$ $\text{mSv/h/}\mu\text{A}/(\text{solid angle of detector})$. More preferably, materials having dose equivalent equal to or smaller than about $0.02 \text{ mSv/h/}\mu\text{A}/(\text{solid angle of detector})$ are used.

Please replace the paragraph beginning on page 12, line 8 with the following rewritten paragraph:

When the preventive materials for suppressing generation of radioactive rays are defined with the entire solid angle, the solid angle of the detector is $7.98 \times 10^{-4} \text{ sr}$ in the measurement because the sensitive component of the detector is cylindrical with diameter 25.8 mm Φ and height 70 mm and has a length 80 mm from the target to the sensitive component. Thus, the above-mentioned $0.2 \text{ mSv/h/}\mu\text{A}/(\text{solid angle of detector})$ corresponds to $0.2/(7.98 \times 10^{-4}) \text{ mSv/h/}\mu\text{A}/\text{sr} = 2.5 \times 10^{-1} \text{ Sv/h/}\mu\text{A}/\text{sr}$, and the $0.02 \text{ mSv/h/}\mu\text{A}/(\text{solid angle of detector})$ corresponds to $2.5 \times 10^{-2} \text{ Sv/h/}\mu\text{A}/\text{sr}$. Therefore, the preventive materials are preferably materials having the dose equivalent for neutrons equal to or smaller than about $2.5 \times 10^{-1} \text{ Sv/h/}\mu\text{A}/\text{sr}$, and more preferably, they are materials having the dose equivalent for neutrons equal to or smaller than about $2.5 \times 10^{-2} \text{ Sv/h/}\mu\text{A}/\text{sr}$.